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17 September 2003

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### Mail Stop : PATENT APPLICATION

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Attorney Docket: P56327A

Sir:

Submitted herewith is the following ( ☒ **divisional** ☐ **continuation** ☐ **continuation-in-part** )  
patent application of prior application Serial No. 09/835,348, filed in the U.S. Patent & Trademark  
Office on 17 April 2001.

**Inventor:**      1) CHUNG-JEON LEE                      2) JAE-HO MOON  
                         3) O-KEUN KWON

**Title:**            **BUBBLE-JET TYPE INK-JET PRINT HEAD AND  
MANUFACTURING METHOD THEREOF**

Please find attached hereto an application for patent which includes: Specification and Abstract,  
Claims, Copy of Declaration and Power of Attorney filed in the parent application, Preliminary  
Amendment, and Information Disclosure Statement identified below:

Verified Showing of Small Entity Status: NO

Drawings: Formal drawings, 20 sheets, Figures 1 through 15B

Claim of priority under 35 U.S.C. §§ 119 and 120: YES

\*\* The Republic Of Korea Application No.2000-41747 filed on 20 July 2000

**FEE (see formula below): CHECK ENCLOSED (#44754)**

**Basic Fee** \$375/750 ..... \$750.00

#### **Additional Fees:**

Total number of claims in excess of 20: <u>6</u> times \$9/18 .	<u>\$108.00</u>
Number of independent claims in excess of 3: <u>   </u> times \$42/84 .....	<u>\$0.00</u>
Multiple Dependent Claims \$135/270 .....	<u>\$0.00</u>
An Assignment is likewise enclosed: Recording Fee \$40 . .	<u>\$0.00</u>
Filing Non-English specification .....	<u>\$0.00</u>

**TOTAL FEES FOR THE ABOVE APPLICATION .....** **\$858.00**

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# FEE TRANSMITTAL

Patent fees are subject to annual revision.

09/17/03



AMOUNT OF PAYMENT

(\$)858.00

## Complete If Known

Application Number	to be assigned
Filing Date	17 September 2003
First Named Inventor	CHUNG-JEON LEE
Examiner Name	to be assigned
Group/Art Unit	to be assigned
Attorney Docket No.	P56327A

## METHOD OF PAYMENT (check one)

1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

Deposit Account Number: 02-4943  
Deposit Account Number: \_\_\_\_\_

- ☐ Charge Any Additional Fee Required Under 37 C.F.R. §1.16 and 1.17.  
☐ Applicant claims small entity status. See 37 CFR 1.27

## 2. Payment Enclosed: (CHECK #44754)

- ☒ Check ☐ Credit Card ☐ Money Order ☐ Other

## FEE CALCULATION

### 1. BASIC FILING FEE

Large Entity	Small Entity				
Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
1001	750	2001	375	Utility filing fee	\$ 750.00
1002	330	2002	165	Design filing fee	\$
1003	520	2003	260	Plant filing fee	\$
1004	750	2004	375	Reissue filing fee	\$
1005	160	2005	80	Provisional filing fee	\$

**SUBTOTAL (1)** (\$)750.00

### 2. EXTRA CLAIM FEES

			Extra Claims		Fee from below		Fee Paid
Total claims	26	-20** =	6	x	18.00	=	108.00
Independent Claims	3	-3** =	0	x	84.00	=	0.00

Multiple Dependent =

\*\* or number previously paid, if greater; For Reissues, see below

### Large Entity Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description
1201	84	2201	42	Independent claims in excess of 3
1202	18	2202	9	Claims in excess of 20
1203	280	2203	140	Multiple dependent claim, if not paid
1204	84	2204	42	** Reissue independent claims over original patent
1205	18	2205	9	** Reissue claims in excess of 20 and over original patent

**SUBTOTAL (2)** (\$)108.00

## FEE CALCULATION (continued)

### 3. ADDITIONAL FEES

Large Entity Fee Code	Small Entity Fee Code	Fee (\$)	Fee (\$)	Fee Description	Fee Paid
1051	130	2051	65	Surcharge-late filing fee or oath	\$
1052	50	2052	25	Surcharge-late provisional filing fee or cover sheet	\$
1053	130	1053	130	Non-English specification	\$
1812	2,520	1812	2,520	For filing a request for reexamination	\$
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	\$
1805	1,840 *	1805	1,840*	Requesting publication of SIR after Examiner action	\$
1251	110	2251	55	Extension for reply within first month	\$
1252	410	2252	205	Extension for reply within second month	\$
1253	930	2253	465	Extension for reply within third month	\$
1254	1,450	2254	725	Extension for reply within fourth month	\$
1255	1,970	2255	985	Extension for reply within fifth month	\$
1401	320	2401	160	Notice of Appeal	\$
1402	320	2402	160	Filing a brief in support of an appeal	\$
1403	280	2403	140	Request for oral hearing	\$
1451	1,510	1451	1,510	Petition to institute a public use proceeding	\$
1452	110	2452	55	Petition to revive - unavoidable	\$
1453	1,300	2453	650	Petition to revive - unintentional	\$
1501	1,300	2501	650	Utility issue fee (or reissue)	\$
1502	470	2502	235	Design issue fee	\$
1503	630	2503	315	Plant issue fee	\$
1460	130	1460	130	Petitions to the Commissioner	\$
1807	50	1807	50	Processing fee for provisional applications	\$
1806	180	1806	180	Submission of Information Disclosure Statement	\$
8021	40	8021	40	Recording each patent assignment per property (Times number of properties)	\$
1809	750	2809	375	Filing a submission after final rejection (37 C.F.R. §1.129(a))	\$
1810	750	2810	375	For each additional invention to be examined (37 C.F.R. §1.129(b))	\$
1801	750	2801	375	Request for Continued Examination (RCE)	\$
Other Fee (specify) _____					\$
Other Fee (specify) _____					\$

\*\* Reduced by Basic Filing Fee Paid

**SUBTOTAL (3)** \$0.00

## SUBMITTED BY

Typed or Printed Name

Rob rt E. Bushn II, Esq.

## Comple (if applicabl )

Reg. Number

27,774

Signature

*Rob E. Bushnell*

Dat

17 September 2003

D posit Account User ID

REB/rfc

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Assistant Commissioner for Patents  
17 September 2003  
Page Two

Docket No.: P56327A

**Inventor:**    1) CHUNG-JEON LEE                      2) JAE-HO MOON  
                         3) O-KEUN KWON

**Title:**            BUBBLE-JET TYPE INK-JET PRINT HEAD AND  
                         MANUFACTURING METHOD THEREOF


The Commissioner is authorized to charge our Deposit Account No. 02-4943 for any additional charges necessary towards payment of the issue fee for the above-referenced application. Please notify the undersigned attorney of any transaction regarding our Deposit Account.

In view of the above, it is requested that this application be accorded a filing date pursuant to 37 CFR 1.53(b).

Please address all correspondence to:

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Respectfully submitted,

  
\_\_\_\_\_  
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